

GUIDING PRINCIPLES



"We provide opportunity for renewal of the human spirit."







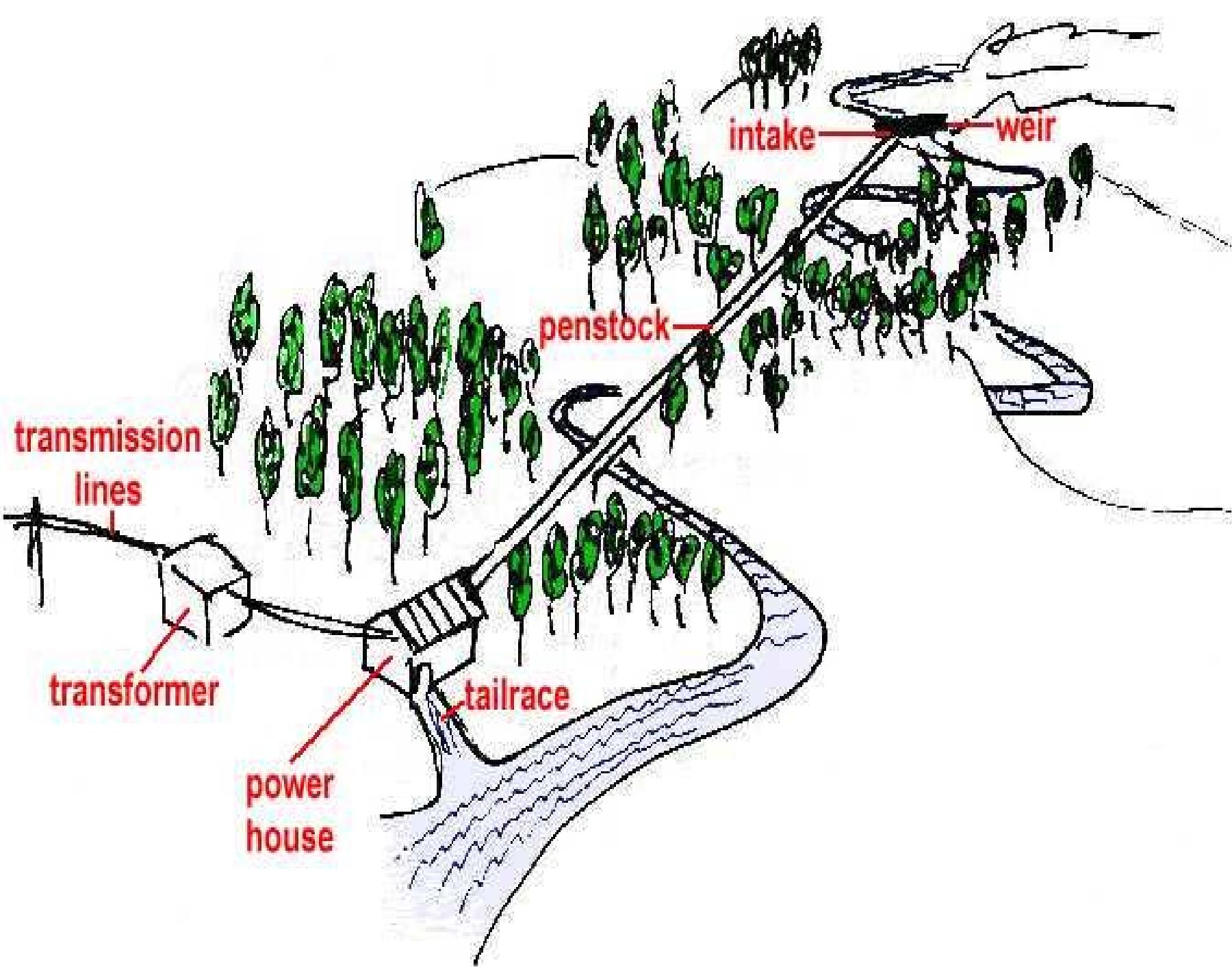




**Did you know that the
Cirque Lift runs on clean,
renewable wind power?**

**Find out about
our environmental
programs at
www.skiaspen.com**













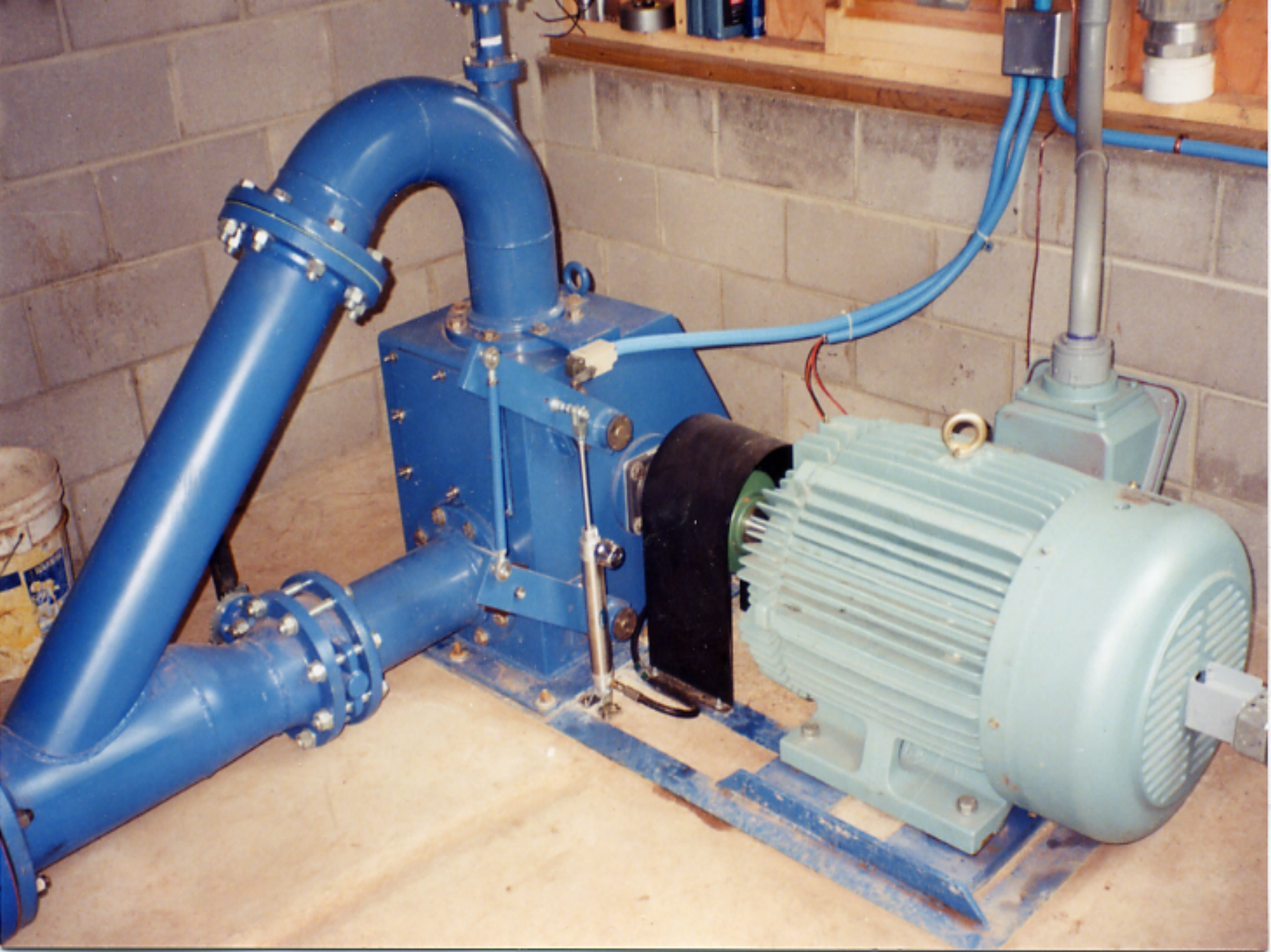




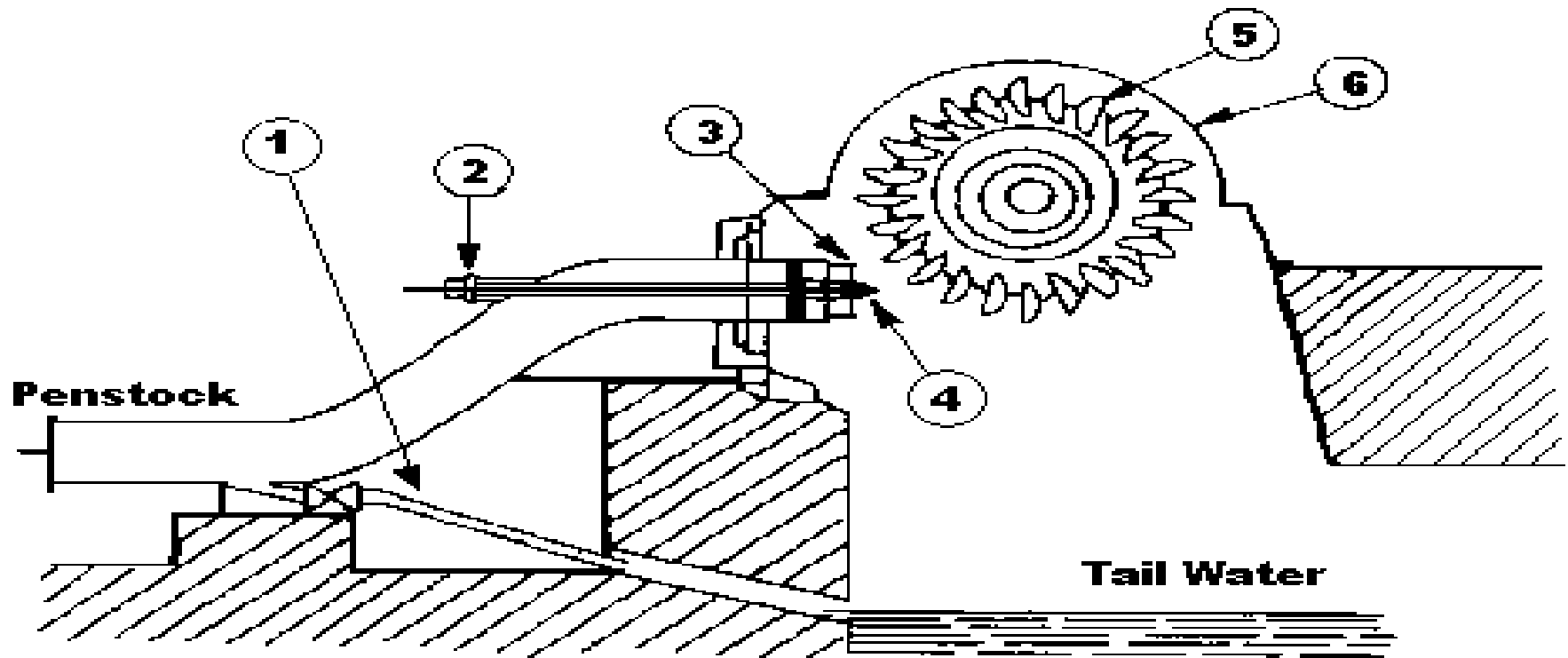








Modern Undershot Pelton Wheel Diagram



- 1) Penstock Drain Line
- 2) Hydraulic Needle Valve Control Cylinder
- 3) Water Nozzle
- 4) Needle Valve
- 5) Turbine Bucket
- 6) Case

Source: Vasandani, VR (1984)

Partners

- Gov's Office of Energy Mgmt and Cons.
- STEPP Foundation
- Town of Snowmass
- Community Office for Resource Efficiency
- Holy Cross Energy
- Aspen REMP Fund
- Canyon Industries

Power Output

- 115 kw turbine
- 250,000 kwh annually
- \$10-\$15k annual return
- Enough for 40 homes year round
- Keeps half a million pounds of pollutants out of the air annually
- A model for any ski resort with snowmaking system
- An on-slope educational resource.





